

PATENT ABSTRACTS OF JAPAN

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(21) Application number : 56-181832 (71) Applicant : FUJI PHOTO FILM CO LTD

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(54) NOISE ERASING DEVICE FOR STORAGE TYPE PHOSPHOR SHEET

(57) Abstract:

PURPOSE: To erase the noise efficiently with a low power without raising the temperature of a sheet, by arranging many aperture type white fluorescent lamps which emit the light of 400W600nm and moving the storage type phosphor sheet under these light sources.

CONSTITUTION: In an erasing light source 18, 6 units each of which consists of 5 aperture type white fluorescent lamps emitting the light of 400W600nm are arranged in parallel. Chains 7a and 7b having pawls 9aW9f and 3 belts 8aW8c are stretched under the light source 18. A storage type phosphor sheet is carried in through a conveyor belt 19 and nip rollers 12a and 12b for carrying-in and is held by the pawl 9a of the chain and is irradiated with the light of 400W600nm to erase the noise and is ejected to a receiving plate 17 by nip rollers 14a and 14b for carrying-out. Thus, the noise is erased efficiently with a low power without raising the temperature of the sheet.

